Operating Instructions

Pond- and Fountain Pumps
ARTICLE 50312,50313,50314,50315,50316,50317

Vor Inbetriebnahme Bedienungsanleitung und Sicherheitshinweise lesen und beachten
Read and follow the operating instructions and safety information before using for the first time.
Avant la mise en service, lisez le mode d'emploi et les consignes de sécurité et respectez-les.

Subject to technical changes!
Due to further developments, illustrations, functioning steps and technical data may slightly differ.
Documentation Updates
In case you have suggestions for the improvement or if you have noticed irregularities, please contact us.

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Although Wiltec Wiltanger Technik GmbH has made their best efforts to ensure that this manual is complete, accurate and up to date, errors can not be ruled out. As for problems with this manual, please fill out this form and send it back to us.

FAX-note (+++49 2403 55592-15**),**

from: _____

Name: _____

Company:_____

Phone/Fax:_____

I want to report the following error:

Kundenbetreuung Wiltec Wildanger Technik GmbH
e-mail: **service@wiltec.info**
Tel:++ +49 2403 55592-0

Introduction

Thanks for purchasing this quality product. To minimize the risk of injury, we ask you to take some basic safety precautions when using this device. Please read this manual carefully and make sure that you have understood them.
Always use a grounded power supply with the correct voltage. The corresponding mains voltage is indicated on the nameplate. If you are not sure whether the connection is grounded, have it checked by a qualified technician. Never use a defective power cord.
Do not open this device in moist or wet conditions or when you are wet yourself and protect it from direct sunlight. Install the device in a safe place so that no one can neither step, fall or damage the cable. Provide for an adequate cooling by the ambient air and avoid heat accumulation. Unplug before cleaning the device and only use a damp cloth. Avoid any cleaning agents and make sure that no liquid enters the device. The interior of the device does not contain any parts that have to be maintained by users. Leave the maintenance, adjustment and repair to qualified personnel. In case of any external intervention, the 2-year warranty period shall expire! Keep this manual in a safe place.

Sicherheitshinweise

VORSICHT:

On standing waters, garden ponds, swimming ponds as well as their surrounding areas you have to use the device only in connection with a fault current circuit breaker with a triggering nominal current up 30 mA (according to VDE 0100 part 702 and 738).

The device is not suitable for the use in swimming pools, in any kind of paddle pools or any other waters during the operation of which there are humans or animals. The commissioning of the device during the stay of humans or animals in the danger zone is not allowed. Ask your electrician!

This device must not be used by persons (including children) with reduced physical, sensory or mental capabilities, or with a lack of experience and/or knowledge, unless they are supervised by a person responsible for their safety or have been given instructions concerning the use of the device.
Children should be supervised to ensure that they do not play with the device.
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ACHTUNG:

- Perform a visual inspection of the device before each use. Do not use the device if the safety equipment is damaged or worn. Never put the safety equipment out of force.
- Use the device only for the purpose as specified in this manual.
- You are responsible for the safety in the work area.
- If the power cord or the plug is damaged by external influences, the cord must not be repaired! Since the cord is molded with the stator, a replacement is not possible, the pump has to be scrapped.
- The specified unit voltage of 230 volts AC as indicated on the nameplate has to match the existing mains voltage.
- Never lift, transport or attach the device by the power cord.
- Make sure that the electrical connectors are located in a flood-safe area and that they are protected against moisture.
- Pull power plug before working on the device.
- The operator is responsible for the compliance with the local safety and installation regulations.
- The user has to exclude, by taking the appropriate measures (e.g. installation of an alarm system, reserve pump or the like), any consequential damage due to flooding of areas and faults in the device.
- If there is a failure of the device the repairing is only to be done by a professional electrician or by Wiltec Customer Service.
- The device must never run dry or be operated with fully closed suction pipe.
- The device must not be used for the operation in swimming pools.
- The device must not be installed in the portable water circulation.

WARNING:

Read all safety instructions! Failure concerning the warnings and instructions may result in electric shock, fire and/or serious injury.
Keep all warnings and instructions for the future.
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Resistance
The maximum temperature of the liquid transported should not exceed +35°C.
The promotion of aggressive liquids such as acids, alkalis, silo seepage etc. and liquids with abrasive materials (for example sand) should be avoided.

Electric connection

- The electrical connection is made to a grounded socket 230 volts – 50 Hz protection at least 6 Ampere.
- By a built-in therman protection the engine is protected against overloading or blocking. In case of overheating the pump is switched off automatically by the protection. After cooling down the pump again switches on automatically.

Mains connection
Your pond pump is already equipped with a grounded plug. The pump is meant to be for a connection to a grounded socket with 230 volts – 50 Hz. Make sure that the socket is sufficiently secured (at least 6A) and in a good condition. Run the pump plug into the socket. The pump is ready for operation.
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Information:

Installation

1. Make sure that the mains voltage corresponds with the specifications as indicated on the name-plate.
2. Do not install the pump directly into the pond mud but install it on a stone, thus ensuring that it does not suck any sludge.
3. Check the delivery head (maximum depth). This information can be found on the nameplate, too.
4. The pump is to be installed as follows: either in a fixed position with a fixed pipeline or in a fixed position with a flexible tubing.
5. Route the cable in a protected way in order to exclude the possibility of damage.
6. You can vary the shape of the water fountain, by changing the position of the screw in the fountain head. The flow rate can be regulated by means of a 3-way valve.
7. Connect the pump to the power supply.
8. The pump operates as long as it is disconnected from the power supply.

Commissioning
Once you have read carefully the installation and operating instructions, you may take your new pump into operation in consideration of the following items:

- Check that the pressure pipe is attached properly.
- Make sure the electric connection is 230V~50Hz.
- Check that the socket is in an adequate condition.
- Make sure that neither humidity nor water gets into contact with the mains connection.
- Install the pump below the water surface.
- Avoid that the pump runs dry.
- Never operate the pump without any filter basket because a filter basket protects the pump from coarse pollutants that can cause the pump to get clogged.

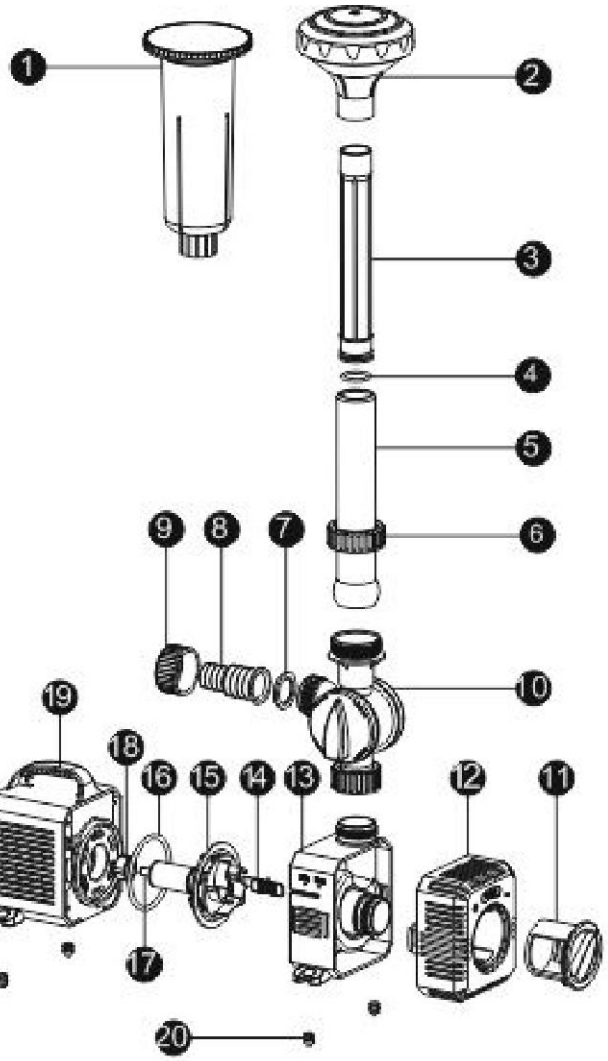
Warning instructions!
The pond motor pump is a proven quality product which is submitted to strict final inspection.
To ensure a proper and continuous operation of the pump, we recommend a regular control and care.
To provide for a proper operation it is necessary to clean the pump regularly. We recommend a weekly cleaning.

Overload protection:
The pump has a built-in overload protection. After switching off by overload protection, the pump has to cool down for a short period of time before it operates again. In case it does not rework automatically, perform the following checks:

Could the pump, after switch-off by the overload protection sufficiently cool down?

Ist he water supply sufficient?	>	Improve water supply!
Is there dirt in the pump housing?	>	Clean as below mentioned!
Tube or hose clogged?	>	Clean!
Hose bent, too long?	>	Check, replace, cut!

Installation of the pump / parts list



1	Fountain upper part 1
2	Fountain upper part 2
3	Connection tube
4	O-ring
5	Connection tube large
6	Insert nut
7	Gasket
8	Outlet
9	Outlet nut
10	T-part/Regulator
11	Flow rate regulator
12	Filter basket/ suction strainer
13	Pump housing
14	Safety pin
15	Lower rotary unit
16	O-ring
17	Axis
18	Bearing
19	Enginge
20	Rubber stands

Technische Daten

Model	Voltage	Perfor-mance	maximum Flow rate	maximum Delivery head	Connection (inch)	Weight (kg)
CTP-2803	AC 220-240V/50Hz	10W	3000 l/h	2 m	¾~1~1¼	2.7
CTP-3803		20W	3600 l/h	2.8 m	¾~1~1¼	2.7
CTP-4803		30W	4500 l/h	4 m	¾~1~1¼	2.7
CTP-5803		40W	5200 l/h	4.8 m	¾~1~1¼	2.7
CTP-5003		30W	5000 l/h	3.3 m	¾~1~1¼	3
CTP-6003		40W	6000 l/h	4.2 m	¾~1~1¼	3
CTP-7003		50W	7000 l/h	4.6 m	¾~1~1¼	3
CTP-8003		70W	8000 l/h	5.6 m	¾~1~1¼	3

Wartung und Reinigung

1. Clean the pump and the filter basket once a week, even when the pump´s performance reduces.
2. Separate the pump from the power supply.
3. Unscrew the attachment. (picture 1)
4. Rotate the filter basket by 90° (picture 2) to remove it.
5. Slide the blue lock to „Open“, to unlock the engine housing
6. Rotate the engine housing by 90 ° (picture 4) to remove it
7. Remove the rotary to clean it (picture 5)
8. Use a soft brush or a sponge for cleaning and clean in running water
9. Check whether the O-ring is located in the right place before you start reassembling the pump

Overwintering

1. Remove the pump from the water and separate it from the power supply.
2. Clean the pump the way as indicated in the cleaning instructions.
3. Check the pump regarding damages, for example cracks in the housing.
4. Store the pump under frost-free conditions, if possible in a canister filled with water.

ATTENTION: The power plug must not get into contact with water!

Regulations for disposal

The EU directive on the disposal of electrical and electronic equipment (WEEE 2002/96/EC) was transposed with the electrical law.

All Wiltec electrical devices that are affected by the WEEE are marked with a crossed-out waste bin. This symbol indicates that this product must not be disposed of with the household-waste.

The company Wiltec Wildanger Technik GmbH has been registered under the WEEE registration number DE45283704 in the German registry EAR.

Disposal of used electrical & electronic equipment (applicable in the countries of the European Union and other European countries with a separate collection system for this devices).
The symbol on the product or on its packaging indicates that this product must not be treated as an ordinary household waste but is to be carried to a collection point for the recycling of electrical and electronical devices.
By taking care for a correct disposal of this product you contribute to protect your environment and the health of others. Environment and human health are affected by inappropriate waste disposal.

The recycling of material contributes to reduce the consumption of raw materials.

For more information about the recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

Address:
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Important information:

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EG-Declaration of Conformity
(according to the guideline 2006/95/EG und 2006/42/EG)

Manufacturer / responsible person	WilTec Wildanger Technik GmbH Koenigsbenden 12 52249 Eschweiler, Deutschland
declares, that the product:	Pump
Type:	**CTP 2803, 3803, 4803, 5803, 5003, 6003, 7003, 8003**
Kind of purpose:	To pump water in open waters and ponds

under the condition of the correct use, the compliance with the essential requirements or other relevant provisions in accordance with the guidelines

2006/95/EG und 2006/42/EG

complies, due to its type and construction, as well as the way it has been distributed by us, to its specified performance.

In the evaluation of the product regarding the requirements of the guidelines, the following standards have been applied:

EN 60335-1:2012
EN 60335-2-41:2003 + A1:2004 + A2:2010
EN 62233:2008

Any modification of the product causes this declaration to lose its validity.

Eschweiler, 02. Dezember 2013

Bernd Wildanger
Managing Director